Karnataka Material Test House Pvt. Ltd

Soil Investigation, Concrete and NDT Testing, Topo Survey, & Project Management Consultancy

CIN No: U74210KA2021PTC155137 G S T No: 29AAECK8899J1ZI HSN No: 998346

Date:21-07-2023

No.KMTH/QC/Y PD/2023-24/02

To,
The Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Project Division, Yelahanka Zone
Nh 07 Road Bangalore 92

"FREQUENCY AND QUALITY REPORT"

Dear Sir,

Sub: Regarding inspection report for the below mentioned work.

Name of work: "Package 12 1.Construction of Kempegowda Statue at Yelahanka Mini Vidhanasoudha in Kempegowda No.01 of Yelahanka sub division 2. Providing and fixing stone benches to the parks in Kempegowda ward No.03 4. Fixing Stone benches to park comes under sub division 3.Development of Parks comes under Attur Ward No.03 4. Fixing Stone benches to park comes under Attur Ward No.03

Item No	Description Of Work	Unit	Standards	Quantities			
				Ist Part		2nd Part	
2	KSRRB M2100-10. Providing and laying plain cement concrete of mix 1:3:6 with ope @ 220kgs, with crushed 40mm and down side Graded grainte metal coarse aggregates @0.89Cum and fine aggregates @ 0.46Cum in foundation Mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all m,aterials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	Per 100 Cum	290.51	2 Sets	158.72	2 Se
4	KSRB 4-1.6; Providing and laying in positionplain cement concrete of mix 1:2:4 with ope @240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @0.53cum, machine mixed , concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of materials, labour, HOM curing complete as per specifications	Cum	Per 50 Cum	20.74	2 Sets	9.55	
7	providing and fixing Pre cast solid concrete kerb stones of size 450x200x400 mm made of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as per direction of engineer incharge	Nos	Per 500 No's	2718.00	3 Sets	1232.00	

AE

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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12	KSRB 14.6: Providing and laying heavy duty cobble stones inter lock pavers using cement and course sand for manufacture of blocks of approved size shape and colour with minimum compressive strength of 281kg per Sqm over 50mm thick sand bed and compacting with plate vibrator having 3tons compaction force there by forcing part of sand underneath to come up in between joints final compaction of pavers surface joints into its final including cost of materials labours and HOM complete as per specifications	Sqm	Per 500 Sqm	1143.74	2 Sets	284.80	6 Sets	1428.54
19	KSRB 4-1.2: Providing and Laying in position Plain Cement Concrete of Mix 1:3:6 with OPC cement @220kgs with 40mm and down size graded granite metal course aggregates @0.892 Cum and fine aggregates @0.465 Cum machine mixed concrete laid in layers not excluding 15 cms thick well compacted in foundation including cost of all materials labour HOM of machinery curing complete as per specification	Cum	Per 100 Cum	6.56	4 Sets	6.15	1 Set	12.71
20	KSRB 4-5 Providing and laying in position plain cement concrete of mix M20 with OPC cement @300kgs with 20mm and down size graded granite metal coarse aggregates @0.69cumand fine aggregates @0.43cum with superplastiser @3lts confirming to IS9103-1999 Reaffirmed -2008 Machine Mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials labour HOM of machinary curing complete as per specification	Cum	Per 50 Cum	4.15	4 Sets	3.69	1 Set	7.84
21	Providing and laying flooring using prepolished water cut/gang saw 19mm thick granite laid over bed 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface	Sqm	Per 50 Cum	33.29	2 Sets	0.00	0.00	33.29
26	KSRB 4.2.2 Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.465cum with super plastisizer @3 liters confirming to is 9103-1999 reafirmed 2008 machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all work in foundation for footing pedastals retaining walls return walls walls including attached pilasters column spillars posts struts buttresses bed blocks anchor blocks & plinths etc., including cost of all materials labours HOM of machinary curing complete but excluding cost of reinforcement as per specifications	Cum	Per 50 Cum	0.00	0.00	170.93	2 Sets	170.93

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27	KSRB 4.9.2 providing T.M.T steel reinforcement for RCC work including straightening cutting bending hooking placing in position lapping and welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design cost of materials labour HOM of machinery complete as per specifications	Tn	Each Dia	1.50	1 of Each Dia	0.99	1 of Each Dia	2.49
39	KSRB 5-11 Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185:2005 and constructed with Cm 1:4 as per IS 2572:2005 includeing cost of all materials labour charges scaffolding curing complete as per specification	Sqm	Per 100 Sqm	0.00	0.00	118.69	3 Sets	118.69
	EIRL							
E1	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on wellprepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	Per 100 Cum	0.00	0.00	106.20	2.00	106.20

With respect to the above subject and name of work, We have inspected the work , Quantity and Quality of above mentioned Items of work was found to be satisfactorily completed for the 2nd and Final Bill.

Thanking You

With regards

Karnataka Material Test House Pvt Ltd.,

Narayanswamy.B
Managing Director

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